INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/19271

A. CLASSIFICATION OF SUBJECT MATTER			
77047 6 40/44, TIOOT 7/14, TIOIT 25/00: (H)3B 7/U8, 7/U8			
US CL : 320/101, 166, 167, 307/64, 02/233.1, 5.2, 5.7, According to International Patent Classification (IPC) or to both national classification and IPC			
B FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 320/101, 166, 167; 307/64; 62/235.1, 3.2, 3.7; 136/203, 246; 396/106, 166			
the perturbation documents are included in the fields searched			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
None			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
Electronic data base consulted during the international search (marks of data case and)			
EAST, STN			
C. DOCI	UMENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
Category *	Gitation of document with indication, where app	propriate, of the relevant passages	
	US 6,216,480 B1 (CAMUS et al.) 17 April 2001 (17.0	04.2001), see entire document.	1-20
A	1		1 20
A	US 6,184,593 B1 (JUNGREIS et al) 06 Feb 2001 (06.02.2001), see entire document.		
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A	US 3,570,381 A (SATOO et al) 16 March 1971 (16.03.1071), see entire document.		
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		See patent family annex.	
Furth	er documents are listed in the continuation of Box C.		emetional filing date or priority date
Special categories of cited documents:		and not in conflict with the application	but cited to understand the
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"A" document defining the general state of the air which is not consider the relevance of coefficient relevance the claimed invention			claimed invention cannot be
·		considered novel or cannot be considered	red to involve an inventive step
1	application or patent published on or after the international filing date	when the document is taken alone	
"L" docume	"L" document which may throw doubts on priority claim(s) or which is cited to "Y" document of particular relevance; the claimed invention cannot be		
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specified)		with one or more other such documer to a person skilled in the art	ns, such communition being dovious
"O" document referring to an oral disclosure, use, exhibition or other means		•	
	ent published prior to the international filing date but later than the	"&" document member of the same patent	tiamily
priority date claimed			
Date of the actual completion of the international search Orange of mailing of the completion of the international search			
18 November 2004 (18.11.2004)			
Name and	mailing address of the ISA/US	Authorized officer	Kon den
Mail Stop PCT, Attn: ISA/US		Date of mailing of the international search report 07 APR 2005 Authorized officer Pia F Tibbits	
Commissioner for Patents			
P.O. Box 1450 Telephone No. 571-272-2086			
	Alexandria, Virginia 22313-1450 No. (703) 305-3230		